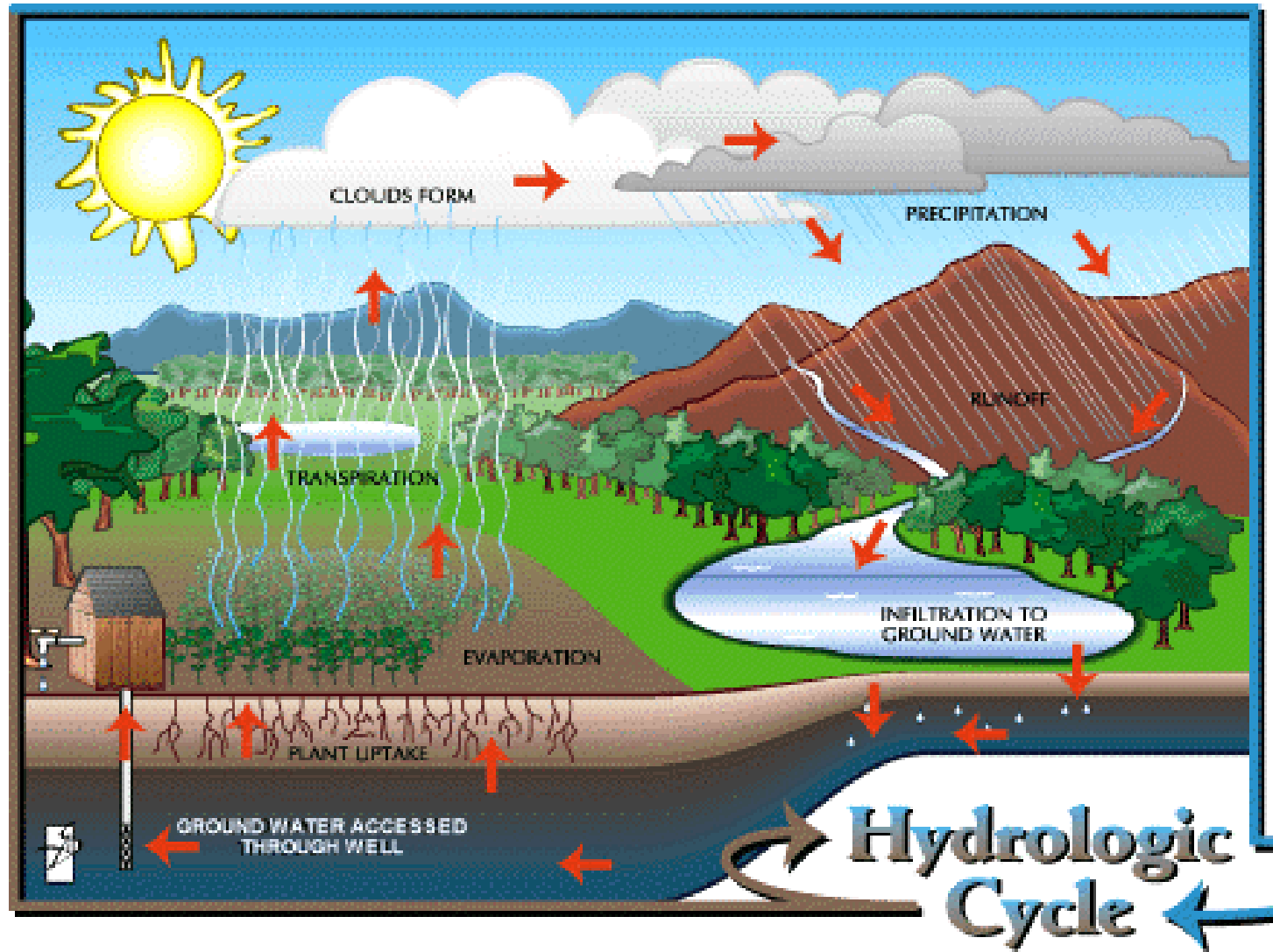


Source: Bay Area Air Quality Management District Clean Air Primer, 2004

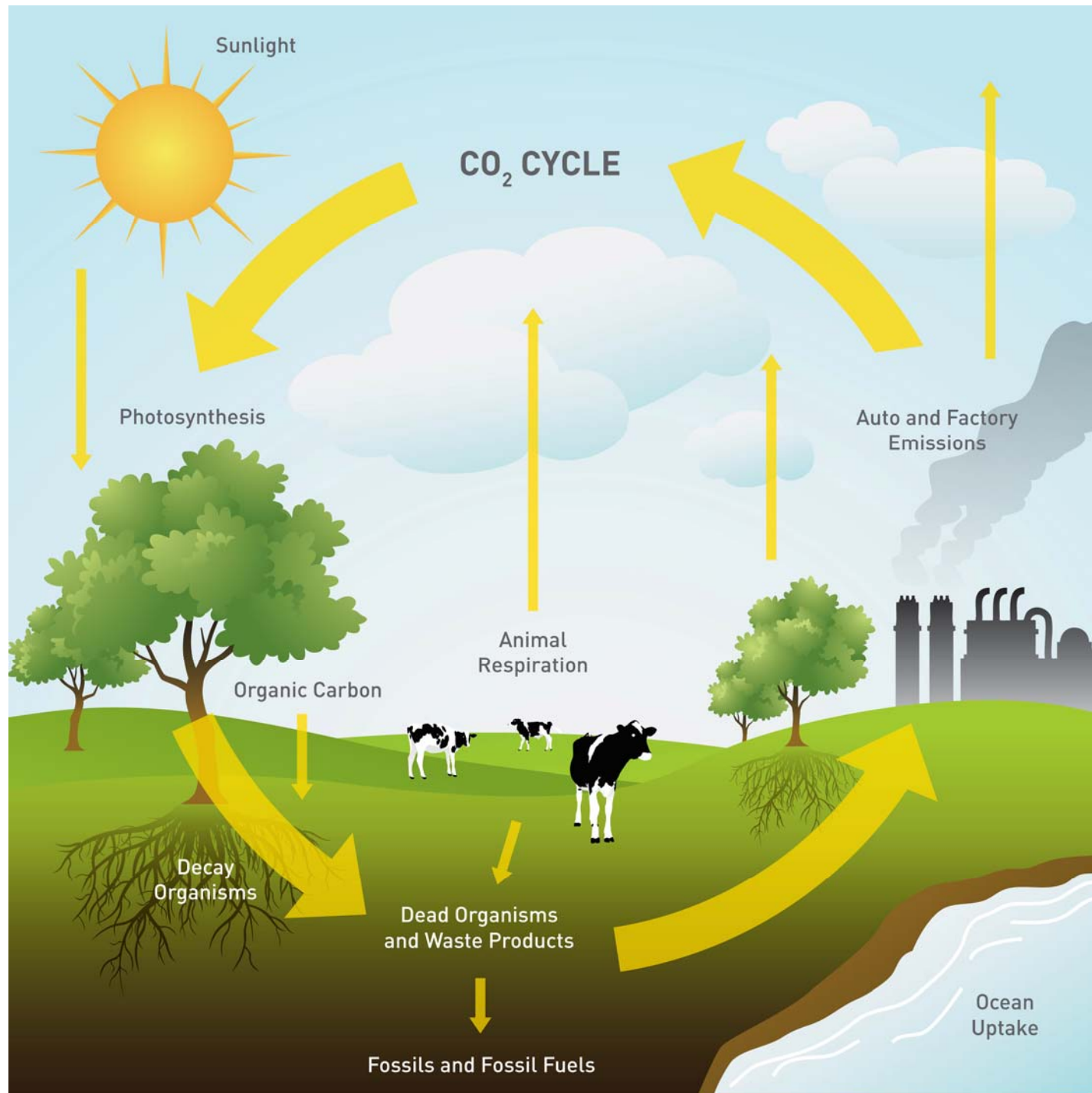












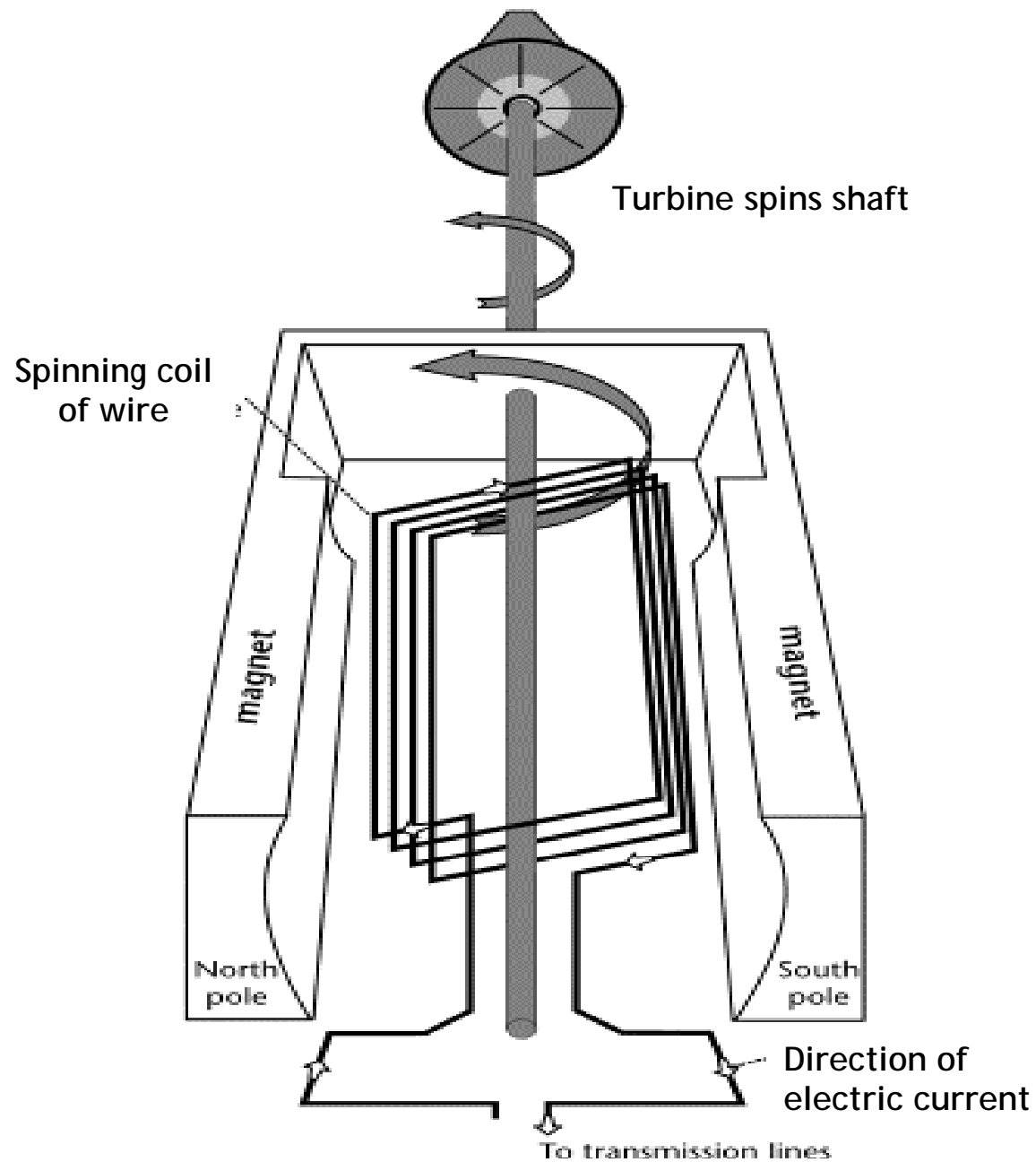






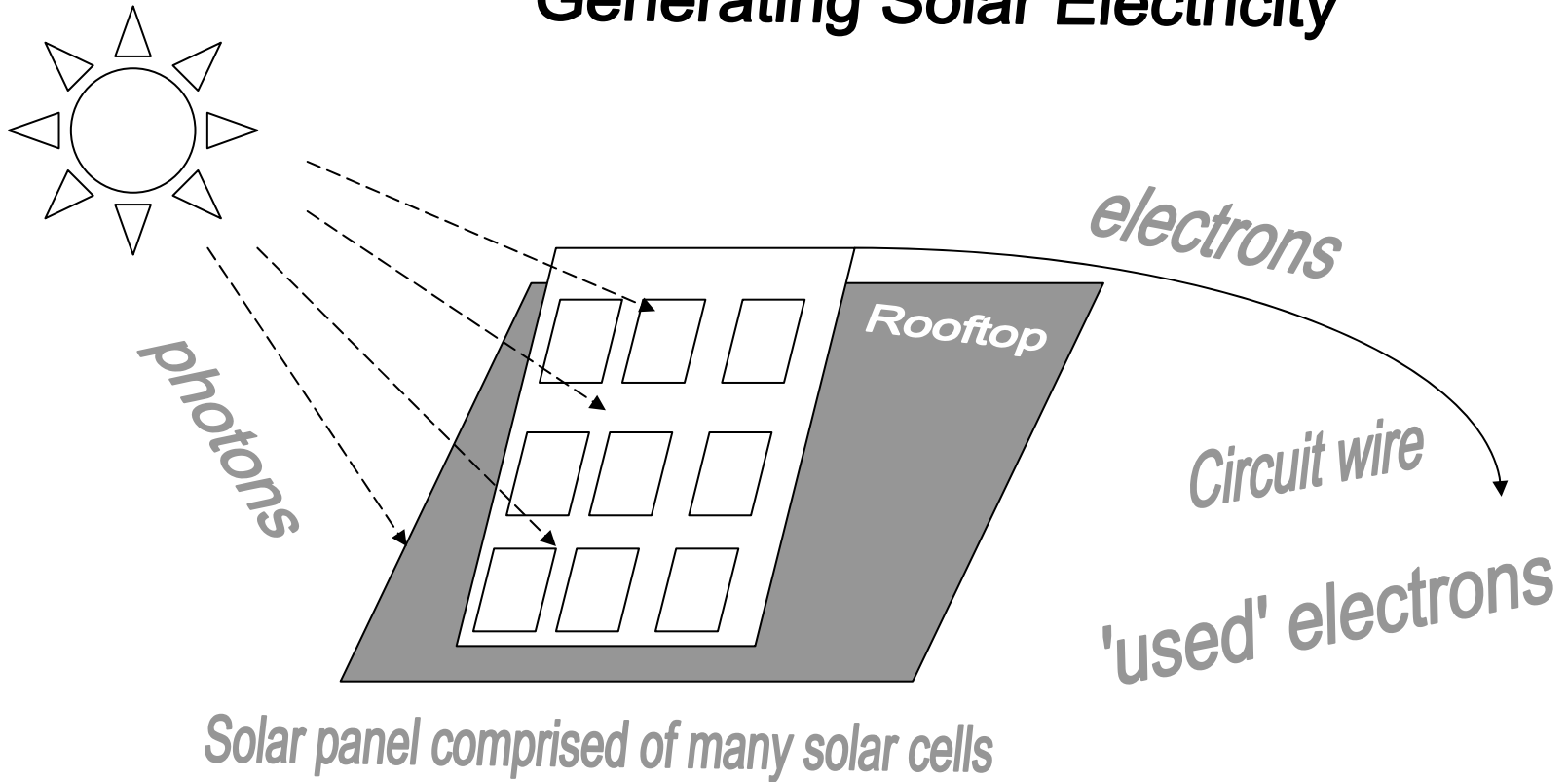
<http://www.nps.gov/hofu/historyculture/hopewell-water-wheel.htm>

# TURBINE GENERATOR



Source: Diagram from the Department of Energy: [www.eia.doe.gov/kids/energyfacts](http://www.eia.doe.gov/kids/energyfacts)

## Generating Solar Electricity



## Recycling and the Climate

Most recycled paper is made back into paper and paper products. For example, recovered copy paper can be used to make new recycled copy paper. Recycled paper can also be molded into egg cartons, insulation, paint additives, and roofing. Even cat litter can be made from recycled paper!

### Did you know<sup>[1]</sup>...

- The world's first piece of paper was made from recycled material. Around 200 B.C., the Chinese used old fishing nets to make the world's very first piece of paper.
- Americans recycle over **51%** of all the paper they use. Paper recycling now averages **346 pounds** for each person in the United States.
- In the United States, we use enough office paper each year to build a 10-foot-high wall that's 6,815 miles long, or two and a half times the distance from New York to Los Angeles.
- More than **90%** of the printing and writing paper made in the United States is from new (non-recycled) wood material.
- The paper industry is the **second largest industrial consumer of energy** in the United States.
- One ton of computer paper made from new wood material uses **24 trees**. One ton of newspaper from new wood material uses **12 trees**. One ton of magazine paper from new wood material uses a little more than **15 trees**.
- Producing recycled paper requires about **60%** of the energy used to make paper from new wood material.
- Recycling one ton of newspaper saves the equivalent of **100 gallons of gasoline** when taking into consideration the lifecycle emissions of producing paper from raw materials.

<sup>[1]</sup> The facts come from the Technical Association of the Pulp and Paper Industry (TAPPI) [www.tappi.org](http://www.tappi.org), and from Metro, <http://www.metro-region.org/article.cfm?articleid=5574>.







Recycling sorting station in San Francisco  
[http://www.sfenvironment.org/our\\_programs/topics.html?ssi=3&ti=5](http://www.sfenvironment.org/our_programs/topics.html?ssi=3&ti=5)



Transfer station  
<http://www.recycleworks.org/kids/recycling.html>





















